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#### PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Docket No: Q90987

Yoshikazu KAKURA, et al.

Appln. No.: 10/554,097 Group Art Unit: 2611

Confirmation No.: 6579 Examiner: Not Yet Assigned

Filed: October 21, 2005

For: CHANNEL ESTIMATION CIRCUIT AND CHANNEL ESTIMATION METHOD

### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

#### MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

- 1. Korean Patent Application Publication No. 2001-43357, published May 25, 2001.
- Korean Patent Application Publication No. 1996-15842, published November 22, 1996.
- 3. Korean Patent Application Publication No. 2001-28160, published April 6, 2001.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/554,097

Attorney Docket: Q90987

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant encloses here with a copy of a corresponding Korean

Office Action dated July 31, 2006, and an English translation of the pertinent portions thereof

which cites such documents and indicates the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account.

Respectfully submitted,

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WASHINGTON OFFICE

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CUSTONEE NUMBER

Registration No. 25,665

Date: October 2, 2006

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	Substitute for Form 1449 A & B	/РТО		Application Number	10/554,097		
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	(use as many sheets as necessary)			Art Unit	2611		
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U.S. PATENT DOCUMENTS							
Examiner	Cite	Documen	t Number	Publication Date			
Initials*	No.1	Number	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
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FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation <sup>6</sup>
/KT/		KR	2001-43357	A	05-25-2001		
/K1/		KR	1996-15842	Bl	11-22-1996		
/K1/		KR	2001-28160	Α	04-06-2001		
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Examiner Initials*	Cite No.1	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), tilt of the article (when appropriate), tilt of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-size on unuber(s), publisher, city, and/or country where published.	Translation
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). \*See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intrarest. \* Either Office that issued the document, by the two-letter code (WIPO Standard ST. 3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document will be appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to indicate here if English language Translation is attached.